CERF
COASTAL ENVIRONMENTAL RIGHTS FOUNDATION

SAN DIEGO COASTKEEPER

MAY 18 2016

May 12, 2016

Del Mar Fairgrounds Racetrack
Attention: Gary Reist
Chief Plant Operations
2260 Jimmy Durante Blvd,
Del Mar, CA 92104

VIA CERTIFIED MAIL

22nd District Agricultural Association
Tim Fennell, Secretary/Treasurer for Board
CEO/General Manager
2260 Jimmy Durante Blvd,
Del Mar, CA 92104

Re: Clean Water Act Notice of Intent to Sue/60-Day Notice Letter
Del Mar Fairgrounds Racetrack Violations of General Industrial Permit

Dear Mr. Reist:

Please accept this letter on behalf of the Coastal Environmental Rights Foundation (CERF) and San Diego Coastkeeper (Coastkeeper) regarding Del Mar Fairgrounds Racetrack's violations of the State Water Resources Control Board Water Quality Order Nos. 97-03-DWQ and 2014-0057-DWQ, Natural Pollutant Discharge Elimination System (NPDES), General Permit No. CAS000001, and Waste Discharge Requirements for Discharges of Storm Water Associated With Industrial Activities Excluding Construction Activities (General Industrial Permit).[1] This letter constitutes CERF and Coastkeeper's notice of intent to sue for violations of the Clean Water Act and General Industrial Permit for the Del Mar Fairgrounds Racetrack located at 2260 Jimmy Durante Blvd, San Diego, California 92104 ("Del Mar Fairgrounds", "Del Mar Fairgrounds Facility" or "Facility"), as set forth in more detail below.

Section 505(b) of the Clean Water Act requires that sixty (60) days prior to the initiation of a citizen's civil lawsuit in Federal District Court under Section 505(a) of the Act, a citizen must give notice of the violations and the intent to sue to the violator, the Administrator of the U.S. Environmental Protection Agency, the Regional Administrator of the U.S. Environmental Protection Agency for the region in which the violations have occurred, the U.S. Attorney General, and the Chief Administrative Officer for the State in which the violations have occurred (33 U.S.C. § 1365(b)(1)(A)). This letter provides notice of Del Mar Fairgrounds' Clean Water Act violations and CERF and Coastkeeper's intent to sue.

[1] On April 1, 2014, the State Water Resources Control Board adopted Order No. 2014-0057-DWQ, which amends the Industrial General Permit ("New Industrial Permit"). These amendments became effective on July 1, 2015. All references to the General Industrial Permit are to the Permit as it existed at the time of the violations noted herein.

I. Citizen Groups

CERF is a non-profit public benefit corporation organized under the laws of the State of California with its main office in Encinitas, CA. CERF is dedicated to the preservation, protection and defense of the environment, the wildlife, and the natural resources of the California Coast. CERF's mailing address is 1140 S. Coast Highway 101, Encinitas, CA 92024.

Coastkeeper is a nonprofit organization committed to protecting and restoring the San Diego region's water quality and supply. A member of the international Waterkeeper Alliance, Coastkeeper's main purpose is to preserve, enhance, and protect San Diego's waterways, marine sanctuaries, coastal estuaries, wetlands, and bays from illegal dumping, hazardous spills, toxic discharges, and habitat degradation. Coastkeeper implements this mission through outreach, education, activism, participation in governmental hearings, and prosecuting litigation to ensure that San Diego's beaches, bays, coastal waters and tributary streams and rivers meet all substantive water quality standards guaranteed by Federal, State, and local statues and regulations. Coastkeeper's office is located at 2825 Dewey Road, Suite 200 in San Diego, California 92106.

Members of CERF and Coastkeeper use and enjoy the waters into which pollutants from Del Mar Fairgrounds' ongoing illegal activities are discharged, namely Stevens Creek, San Dieguito River, San Dieguito Lagoon, and the nearby Pacific Ocean (Receiving Waters). The public and members of CERF and Coastkeeper use these Receiving Waters to fish, boat, kayak, surf, swim, scuba dive, birdwatch, view wildlife, and to engage in scientific studies. Procedural and substantive violations of the Stormwater Permit including, but not limited to, the discharge of pollutants by Del Mar Fairgrounds Facility affect and impair each of these uses. Thus, the interests of CERF and Coastkeeper's members have been, are being, and will continue to be adversely affected by Del Mar Fairgrounds Owners and/or Operators' failure to comply with the Clean Water Act and the General Industrial Permit.

II. Storm Water Pollution and the General Industrial Permit

A. Duty to Comply

Under the Clean Water Act, the discharge of any pollutant to a water of the United States is unlawful except in compliance with certain provisions of the Clean Water Act. (See 33 U.S.C. § 1311 (a)). In California, any person who discharges storm water associated with industrial activity must comply with the terms of the General Industrial Permit in order to lawfully discharge.

Information available to Citizen Groups indicates that the Del Mar Fairgrounds Facility is operated by the 22nd Agricultural Association as formed under Cal. Food & Agric. Code § 3951. The SMARTS database, 2015 SWPPP, and the 2014-2015 Annual Report list Gary Reist as Facility Operator. Citizen Groups refer to 22nd District Agricultural Association, Del Mar Fairgrounds and Racetrack, and Gary Reist collectively as Fairgrounds Facility "Owner and/or Operator". Information available to Citizen Groups indicates the Facility is at least 356 acres, at least 27 acres of which are considered impervious. The Facility property is bordered by Via De La Valle and Stevens Creek to the north, Camino Del Mar and Stevens Creek to the West, Jimmy Durante Boulevard to the East and South, and the San Dieguito Lagoon and San Dieguito River to the southwest.

Information available to Citizen Groups further indicates the portion of the facility covered by the

General Industrial Permit is mainly utilized for horse racing and stabling operations. Information available to Citizen Groups indicates the facility is assigned the Standard Industrial Classification code of 7948 under the category of "Racing, Including Track Operations", and is designated as a large concentrated animal feeding operation that houses 500 or more horses for 45 days or more in a 12-month period. The Fairgrounds' impervious facilities include covered stables, wash racks, and other buildings associated with maintaining horses. Uncovered portions of the site are generally impervious (paved concrete or asphalt), consisting of the main racetrack and infield area, a training track, a backstretch area, and parking areas. At least four, and perhaps more, discharge points discharge pollutants into receiving waters from the Facility.

According to information available to Citizen Groups, horse racing and boarding occur at the Fairgrounds Facility. The industrial activities and areas at the Fairgrounds Facility are pollutant sources and include, but are not limited to: animal confinement; animal feeding; shipping, receiving, and moving equipment around the Facility; racetrack operations; manure and bedding handling; animal wash racks; and facility and equipment maintenance including vehicle maintenance, repair, washing, and fueling.

The Del Mar Fairground is designated a Large Concentrated Animal Feeding Operation (CAFO) (40 C.F.R. §122.23) and Feedlot (40 C.F.R. Part 412) and is subject to the General Permit.[1] Del Mar Fairgrounds enrolled as a discharger subject to the General Industrial Permit on February 3, 1993 for its facility located at 2260 Jimmy Durante Boulevard, Del Mar, California 92014. Del Mar Fairgrounds enrolled under the New Industrial Permit on June 3, 2015, WDID Number 9 37I001942.

Storm water discharges from Horse Racing and Track Operation facilities, like the Del Mar Fairgrounds Facility, contain pollutants such as nitrogen, phosphorous, bacteria, and toxic heavy metals (such as copper, lead, and zinc). Many of these pollutants are on the list of chemicals published by the State of California as known to cause cancer, birth defects, and/or developmental or reproductive harm. The San Dieguito River is on the 303(d) list as impaired for enterococcus, fecal coliform, nitrogen, phosphorous, total dissolved solids, and toxicity. The Pacific Ocean Shoreline at the San Dieguito Lagoon Mouth is on the 303(d) list as impaired for fecal coliform, enterococcus, and total coliform. San Dieguito Lagoon is a Marine Protected Area covering more than two hundred acres of wetlands. Polluted discharges from industrial sites such as the Del Mar Fairgrounds Facility contribute to the degradation of these already impaired surface waters and of the ecosystems and wildlife that depend on them.

Pursuant to Section C(1) of the General Industrial Permit, a facility operator must comply with all conditions of the General Industrial Permit. (See New Industrial Permit, §I.A.8. [dischargers must "comply with all requirements, provisions, limitations, and prohibitions in this General Permit."]). Failure to comply with the General Industrial Permit is a Clean Water Act violation. (General Industrial Permit, § C.1; New Industrial Permit §XXI.A.). Any non-compliance further exposes an owner/operator to an (a) enforcement action; (b) General Industrial Permit termination, revocation and re-issuance, or modification; or (c) denial of a General Industrial Permit renewal application. As an enrollee, Del Mar Fairgrounds has a duty to comply with the General Industrial Permit and is subject to all of the provisions therein.

[1] *See* Attachment A to the General Industrial Permit, "Facilities Covered by National Pollution Discharge Elimination System General Permit for Storm Water Discharges Associated with Industrial Activities (General Permit)." Further, under the direction of the San Diego Regional Board it has been determined that CAFO regulations will be permitted through the Industrial General Permit.

B. Failure to Monitor and Report

The Del Mar Fairgrounds Owners and/or Operators have failed to sample as required under the General Industrial Permit. Through the 2011-2016 reporting period, facility operators were required to analyze stormwater samples for fecal coliform, total coliform, enterococcus, total suspended solids, mercury, nitrite plus nitrate, ammonia, copper, zinc, and any other pollutants which are likely to be present in significant quantities in stormwater discharging from the facility. Available stormwater data throughout this period illustrates that the Fairgrounds Facility has failed to consistently sample and/or report for each of these pollutants. For example, the Fairgrounds Facility Owner and/or Operator failed to sample for enterococcus during any year other than the 2014-2015 Wet Season.

The Fairgrounds Facility Owner and/or Operator has failed and continues to fail to submit Annual Reports that comply with the Storm Water Permit reporting requirements. For example, in each Annual Report since the filing of the 2010-2011 Annual Report, the Fairgrounds Facility Owner and/or Operator certified that: (1) a complete Annual Comprehensive Site Compliance Evaluation was done pursuant to Section A(9) of the General Industrial Permit; (2) the SWPPP's BMPs address existing potential pollutant sources; and (3) the SWPPP complies with the General Industrial Permit, or will otherwise be revised to achieve compliance. However, information available to Citizen Groups indicates that these certifications are erroneous. For example, although storm water samples collected from the Facility have consistently contained elevated concentrations of pollutants, thereby demonstrating that BMPs must be revised, the Annual Report fails to address this as required by the Stormwater Permit.

The Fairgrounds Facility Owner and/or Operator has also submitted incomplete Annual Reports. For instance, the facility operator must report any noncompliance with the Storm Water Permit at the time that the Annual Report is submitted, including 1) a description of the noncompliance and its cause, 2) the period of noncompliance, 3) if the noncompliance has not been corrected, the anticipated time it is expected to continue, and 4) steps taken or planned to reduce and prevent recurrence of the noncompliance. General Industrial Permit, Section C(11)(d). The Fairgrounds Facility Owner and/or Operator did not report its non-compliance as required.

The General Industrial Permit requires a permittee whose discharges violate the Storm Water Permit Receiving Water Limitations to submit a written report identifying what additional BMPs will be implemented to achieve water quality standards. General Industrial Permit, Receiving Water Limitations C(3) and C(4). Information available to Citizen Groups indicates that the Fairgrounds Facility Owner and/or Operator has failed to submit the reports required by Receiving Water Limitations C(3) and C(4) of the 1997 Permit. As such, the Fairgrounds Facility Owner and/or Operator is in daily violation of this requirement of the Storm Water Permit.

The Del Mar Fairgrounds Owners and/or Operators had numerous opportunities to sample and report but failed to do so. They are thus subject to penalties in accordance with the General Industrial Permit – punishable by a minimum of $37,500 per day of violation. (33 U.S.C. §1319(d); 40 CFR 19.4).

C. The Del Mar Fairgrounds Facility Discharges Contaminated Storm Water in Violation of the General Industrial Permit and Effluent Limitation Guidelines

i. Discharges of Polluted Storm Water from the Fairgrounds Facility in Violation of Discharge Prohibitions and Effluent Limitations of the Storm Water Permit

The Del Mar Fairgrounds Owners and/or Operators' monitoring reports indicate consistent exceedances and violations of the General Industrial Permit. Discharge Prohibition A(2) of the General Industrial Permit and New Industrial Permit Sections III.C-D prohibit storm water discharges and authorized non-storm water discharges which cause or threaten to cause pollution, contamination, or nuisance.

Effluent Limitations of the Industrial Storm Water Permit require dischargers to reduce or prevent pollutants in their storm water discharges through implementation of best management practices ("BMPs") that achieve best available technology economically achievable ("BAT") for toxic pollutants[2] and best conventional pollutant control technology ("BCT") for conventional pollutants.[3] Effluent Limitations are found in Section B(3) of the General Industrial Permit and Section V.A. of the New Permit. EPA Benchmark Levels are relevant and objective guidelines to evaluate whether a permittee's BMPs achieve compliance with BAT/BCT standards as required by Effluent Limitations of the Stormwater Permit.[4] Furthermore, the Facility is subject to EPA regulations at 40 CFR Chapter 1 Subchapter N that establish technology-based Effluent Limitation Guidelines (ELGs) for industrial storm water discharges.[5]

Storm water sampling at the Fairgrounds Facility demonstrates that the Facility's storm water discharges contain concentrations of pollutants above the Benchmark Levels. *See* Exhibit A (table listing the Facility's storm water samples exceeding Benchmark Level(s), as reported to the Regional Board by the Fairgrounds Facility Owner and/or Operator). For example, the freshwater EPA Benchmark for zinc is 0.12 mg/L. A storm water sample collected from the Facility in December 2015 exceeded the freshwater EPA Benchmark for zinc by almost seven (7) times. Another sample collected in December 2014 exceeded the EPA Benchmark for TSS (100 mg/L) by over twenty three (23) times. When saltwater benchmarks are used, exceedances are often greater. For example, a storm water sample collected in September 2015 exceeded the saltwater EPA Benchmark for copper (0.0048 mg/L) by over thirteen times (13). There are multiple violations every year with every single storm event reported for the past five years. *See* Exhibit A. In fact, since May 2011, the Fairgrounds has exceeded applicable water quality standards at least 395 times.

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[2] BAT is defined at 40 CFR § 442.23. Toxic pollutants are listed at 40 C.F.R. § 401.15 and include copper, lead, and zinc, among others.

[3] BCT is defined at 40 C.F.R. § 442.22. Conventional pollutants are listed at 40 C.F.R. § 401.16 and include biological oxygen demand, total suspended solids, oil and grease, pH, and fecal coliform.

[4] *See* EPA Multi-Sector General Permit (2015), Fact Sheet, p. 52; *see also*, EPA Proposed Multi-Sector General Permit (2013), Fact Sheet, p. 50; EPA Multi-Sector General Permit (2008), Fact Sheet, p. 106; EPA Multi-Sector General Permit, 65 Federal Register 64839 (2000).

[5] See New Permit Section I, Finding K.

Because the Fairgrounds' discharge violations are ongoing, post July 1, 2015, each storm water discharge from the Fairgrounds Facility constitutes a violation of Effluent Limitation V.A. of the New Permit. The repeated and significant exceedances of water quality standards and Benchmark Levels demonstrate that the Fairgrounds Facility Owner and/or Operator has failed and continues to fail to develop and/or implement required BMPs at the Facility that achieve compliance with the BAT/BCT standards.

Further, as a CAFO subject to effluent limitation guidelines (ELGs), the Fairgrounds is subject special provisions of the New Industrial Permit. "Industrial storm water discharges from facilities subject to storm water ELGs in Subchapter N shall not exceed those storm water ELGs." New Industrial Permit, V.B. Further, for those facilities subject to Subchapter N, "compliance with the BAT/BCT and ELG requirements constitutes compliance with technology-based requirements of this General Permit." New Industrial Permit, I.K.58.

ELGs and Standards for CAFOs established in 40 CFR Part 412 (Subpart A: Horse and Sheep) are applicable to the Facility.[6] Under 40 CFR §412.12:

> Any existing point source subject to this subpart must achieve the following effluent limitations representing the application of BPT: There shall be no discharge of process waste water pollutants to navigable waters.
>
> (b) Process waste pollutants in the overflow may be discharged to navigable waters whenever rainfall events, either chronic or catastrophic, cause an overflow of process waste water from a facility designed, constructed and operated to contain all process generated waste waters plus the runoff from a 10–year, 24–hour rainfall event for the location of the point source.

Similar provisions apply to effluent limitations attainable by application of BAT under 40 CFR §412.13:

> Any existing point source subject to this subpart must achieve the following effluent limitations representing the application of BAT: There shall be no discharge of process waste water pollutants into U.S. waters.
>
> (b) Whenever rainfall events cause an overflow of process wastewater from a facility designed, constructed, operated, and maintained to contain all process-generated wastewaters plus the runoff from a 25–year, 24–hour rainfall event at the location of the point source, any process wastewater pollutants in the overflow may be discharged into U.S. waters.

[6] New Permit Section V.B.

Process wastewater is broadly defined in 40 CFR §412.2(d) as:

> [W]ater directly or indirectly used in the operation of the CAFO for any or all of the following: spillage or overflow from animal or poultry watering systems; washing, cleaning, or flushing pens, barns, manure pits, or other CAFO facilities; direct contact swimming, washing, or spray cooling of animals; or dust control. Process wastewater also includes **any water** which comes into contact with any raw materials, products, or byproducts including manure, litter, feed, milk, eggs, or bedding. (emphasis added).

The Fairgrounds has violated and continues to violate ELGs applicable to the Facility under 40 CFR § 412. As evidenced by its own monitoring data, with each rainfall the Facility unlawfully discharges process wastewater. *See* Exhibit A. Indeed, the Facility's own Nutrient Management Plan ("NMP") acknowledges the Fairgrounds are not designed to meet the ELGs in 40 CFR §§412.12 and 412.13. The NMP boldly proclaims "that the detention of the 25-year 24-hour storm is not applicable at this project site" because of onsite BMPs and sewer diversion.[7] (NMP, p. 3). The Facility, however, diverts only limited flows. See NMP, February 1, 2008, p. 4 ["During the wet season (October 1 through April 30), only first flush runoff (roughly equivalent to 0.2 inches) is diverted to the sewer, and the remaining flows are discharged to Stevens Creek at Discharge Point #1."]. Further, because storm water runoff between CAFO and non-CAFO areas are combined and discharged through the five major discharge points, the Facility routinely discharges process waste water pollutants into waters of the U.S., in violation of applicable ELGs.

ii. Discharges of Polluted Storm Water from the Fairgrounds Facility in Violation of Receiving Water Limitations of the Storm Water Permit

Receiving Water Limitation C(1) of the Storm Water Permit prohibits storm water discharges to surface or groundwater that adversely impact human health or the environment. Receiving Water Limitation C(2) prohibits storm water discharges and authorized non-storm water discharges which cause or contribute to an exceedance of any water quality standards or applicable Basin Plan water quality standards. (See New Industrial Permit Receiving Water Limitations VI.A-C). In addition, Receiving Water Limitation VI.C. of the New Industrial Permit prohibits discharges that contain pollutants in quantities that threaten to cause pollution or a public nuisance.

The California Toxics Rule ("CTR"), 40 C.F.R. 131.38, is an applicable water quality standard. (*Baykeeper v. Kramer Metals, Inc.* (C.D.Cal. 2009) 619 F.Supp.2d 914, 926). "In sum, the CTR is a water quality standard in the General Permit, Receiving Water Limitation C(2). A permittee violates Receiving Water Limitation C(2) when it 'causes or contributes to an exceedance of' such a standard, including the CTR." (*Id.* at 927). As the 22nd Agricultural Association has previously acknowledged, the CTR acute criteria are applicable to the Del Mar Fairgrounds' storm water discharge. *See* Del Mar Fairgrounds Master Plan EIR, p. 4.11-13.

[7] The effectiveness of diverting storm water flows to the sanitary sewer will also likely be limited by the Fairgrounds' commitment to reduce the volume of such flows. SWMP, October 2015, p. 18 ["Due to these limits, and in order to begin to plan to accommodate future Del Mar Fairgrounds Master Plan Projects, the 22nd DAA has proposed changes to their operations that will lower the quantity of wastewater discharged into the City sewer system. This will be achieved mainly by eliminating opportunities for storm water to enter the sewer."].

The Water Quality Control Plan for the San Diego Basin (Basin Plan) also establishes water quality standards and limitations in order to protect such beneficial uses. *See* Del Mar Fairgrounds Master Plan EIR, p. 4.11-16, Table 4.11.B. In addition to numerous, significant, and continuous violations of CTR, the Fairgrounds has continued to violate WQS in the Basin Plan every year for the past five years. For example, the San Dieguito River and San Diego Lagoon have a maximum concentration of enterococcus of 61 MPN/100ml. A stormwater sample from September 15, 2015 showed a enterococcus concentration of one hundred and seventy thousand (170,000) MPN/100ml, an exceedance of the Basin Plan limitation by more than two thousand seven hundred (2,700) times. *See* Exhibit A. Similar violations have been reported for fecal coliform and total coliform over the past five years.

If a discharger violates Water Quality Standards, the General Industrial Permit and the Clean Water Act require that the discharger implement more stringent controls necessary to meet such Water Quality Standards. (General Industrial Permit, Fact Sheet p. viii; 33 U.S.C. § 1311(b)(I)(C)). The Del Mar Fairgrounds Owners and/or Operators have failed to comply with this requirement, routinely violating Water Quality Standards without implementing BMPs to achieve BAT/BCT or revising the Facility's SWPPP pursuant to General Industrial Permit section (C)(3) and New Industrial Permit Section X.B.1.

As demonstrated by sample data submitted by Del Mar Fairgrounds, from May 12, 2011 through the present, the Del Mar Fairgrounds Owners and/or Operators have discharged and continue to discharge storm water containing pollutants at levels in violation of water quality prohibitions and limitations during every significant rain event. The Del Mar Fairgrounds Facility's sampling data reflects numerous discharge violations. See Exhibit A. Del Mar Fairgrounds' own sampling data is not subject to impeachment. (*Baykeeper, supra*, 619 F.Supp. 2d at 927, citing *Sierra Club v. Union Oil Co. of Cal.*, (9th Cir. 1987) 813 F.2d 1480, 1492 ["when a permittee's reports indicate that the permittee has exceeded permit limitations, the permittee may not impeach its own reports by showing sampling error"]).

Exhibit A further demonstrates the Del Mar Fairgrounds Facility continuously discharges contaminated storm water during rain events which have not been sampled.

D. Failure to Develop, Implement, and/or Revise an Adequate Storm Water Pollution Prevention Plan (SWPPP)

One of the main requirements for the General Industrial Permit is the Storm Water Pollution Prevention Plan (SWPPP). (General Industrial Permit §A; New Industrial Permit §X.). Del Mar Fairgrounds has not developed an adequate SWPPP as required by the General Permit, with required elements noticeably absent from the Del Mar Fairgrounds Facility SWPPP. (New Industrial Permit, §X.A.1-10).

The Fairgrounds Facility Owners and/or Operators have failed and continue to fail to develop and/or implement a SWPPP that contains BMPs to prevent the exposure of pollutant sources to storm water and the subsequent discharge of polluted storm water from the Facility, as required by the Storm Water Permit. The SWPPP inadequacies are documented by the continuous and ongoing discharge of storm water containing pollutant levels that exceed EPA Benchmarks and applicable WQS. *See, e.g.*, Exhibit A. Fairgrounds Facility's Owner and/or Operator has failed and continues to fail to adequately develop or implement a SWPPP at the Facility that prevents discharges from violating the Discharge

Prohibitions, Effluent Limitations and Guidelines, and Receiving Water Limitations of the Industrial Stormwater Permit.

The latest SWPPP also fails to account for the numerous and repeated violations identified by Del Mar Fairgrounds' monitoring data – ensuring these violations continue. The SWPPP is therefore inadequate. (See New Industrial Permit §I.E.37. ["Compliance with water quality standards may, in some cases, require Dischargers to implement controls that are more protective than controls implemented solely to comply with the technology-based requirements in this General Permit."]). Further, if a discharger determines industrial discharges contain pollutants in violation of Receiving Water Limitations (Section VI), the discharger is required to assess the BMPs in the SWPPP and determine whether additional measures and a revised SWPPP are necessary. (New Industrial Permit, §XX.B.1).

In addition, the 2015 Fairgrounds SWPPP suggests that direction of flow, areas of soil erosion, location of directly exposed materials, shipping and receiving areas, and dust and particulate generation areas are included on the Fairgrounds Facility Site Map, yet do not actually appear on the Site map included in the Fairgrounds SWPPP in violation of Section X.E.3 of the New Permit. Further, while the 2015 Fairgrounds SWPPP includes information on assessment of potential pollutant sources, the SWPPP fails to identify any areas of the facility where the minimum BMPs described in the New Industrial Permit will not adequately reduce or prevent pollutants in storm water discharges, nor does the SWPPP identify any advanced BMPs for those areas, in violation of Section X.G.2.b. of the New Industrial Permit.

Every day the Del Mar Fairgrounds Owners and/or Operators operate the Facility without an adequate SWPPP, is a separate and distinct violation of the General Industrial Permit, New Industrial Permit, and Section 301(a) of the Clean Water Act, 33 U.S.C. § 1311(a). The Del Mar Fairgrounds Owners and/or Operators have been in daily and continuous violation of the General Industrial Permit and New Industrial Permit since at least May 12, 2011. These violations are ongoing and the Del Mar Fairgrounds Owners and/or Operators will continue to be in violation every day they fail provide an adequate SWPPP for the Facility. Thus, the Del Mar Fairgrounds Owners and/or Operators are liable for civil penalties of up to $37,500 per day of violation for 1,825 violations of the General Industrial Permit and the Clean Water Act.

E. Unpermitted Discharges

Section 301(a) of the CWA prohibits the discharge of any pollutant into waters of the United States unless the discharge is authorized by a NPDES permit issued pursuant to section 402. See 33 U.S.C. §§ 1311(a), 1342. The Act defines "pollutant" to include solid waste, biological materials, and agricultural waste discharged into water. 33 U.S.C. § 1362(6). CAFOs "are point sources, subject to the NPDES permitting requirements..." 40 CFR §122.23(a). Therefore, the discharge of pollutants, including process wastewater, into waters of the United States from a CAFO constitutes a regulated discharge of a pollutant from a point source and is prohibited unless in compliance with an NPDES permit. Because the Facility constitutes a Large CAFO pursuant to 40 CFR §122.23(b)(4), its discharges must be authorized by an NPDES permit.

> Any point source, including a CAFO, that discharges or proposes to discharge must obtain an NPDES permit. See 40 C.F.R. § 122.21(a). Further, any CAFO that discharges without an NPDES permit remains in a continuing state of violation of the Act until it either obtains an NPDES permit or no longer meets the definition of a point source.

Save the Valley, Inc. v. United States EPA (S.D.Ind. 2002) 223 F.Supp.2d 997, 1007.

The Fairgrounds does not possess such an NPDES permit. Notwithstanding this failure, for years the Facility has unlawfully discharged pollutants into waters of the U.S. The Fairgrounds' routine and repeated water quality standard violations – as demonstrated by the Facility's monitoring data – confirm the Facility discharges polluted process waste water into surface waters and ground water *year-round.* "Monitoring of the discharge from the track surface continually exceeds water quality standards for pathogens, nutrients and BOD/COD." Del Mar Fairgrounds Backstretch And Dirt Track Water Quality Improvements For CAFO And Non-CAFO Discharges ("Infield Treatment System Proposal"), p 7; see also, Infield Treatment System Proposal, p. 7 [suggesting runoff from the track should be treated "in consideration of the fact that monitoring of runoff from the track when horses are not present reveals exceedances of water quality objectives," emphasis added]. Thus, the Fairgrounds position that CAFO regulations are inapplicable when horses are not present is not only contrary to the plain reading of the Clean Water Act, but also undermined by the Facility's monitoring data.

Further, the New Industrial Permit does not authorize the discharge of process waste water. "Except for non-storm water discharges (NSWDs) authorized in Section IV, discharges of liquids or materials other than storm water, either directly or indirectly to waters of the United States, are prohibited unless authorized by another NPDES permit. Unauthorized NSWDs must be either eliminated or authorized by a separate NPDES permit." New Industrial Permit, III.B.

In addition, the Fairgrounds' precipitation-related discharge of process wastewater is not considered lawfully discharged agricultural storm water.

> For unpermitted Large CAFOs, a precipitation-related discharge of manure, litter, or process wastewater from land areas under the control of a CAFO shall be considered an agricultural stormwater discharge only where the manure, litter, or process wastewater has been land applied in accordance with site-specific nutrient management practices that ensure appropriate agricultural utilization of the nutrients in the manure, litter, or process wastewater, as specified in § 122.42(e)(1)(vi) through (ix).

40 CFR 122.23(e)(1), emphasis added. Here, there is admittedly no land application of fertilizers: "[t]he application of nutrient fertilizers on CAFO production areas is not conducted, and thus nutrient loadings as a result of land applications of manure are not a concern." NMP, p. 5. "It should be noted that the Del Mar Fairgrounds does not land-apply any manure or process wastewater generated at the facility..." NMP, p. 1. Thus, any discharge of manure or process wastewater is clearly not in compliance with the NMP.

Further, Section 122.42(e)(1) requires BMPs that meet the requirements of 40 CFR §412. As mentioned above, the Fairgrounds does not "contain all process-generated wastewaters plus the runoff from a 25-year, 24-hour rainfall event" as required by 40 CFR 412.13. NMP, p. 3.[8] Moreover, because the

[8] The Fairgrounds' attempt to separate "non-horse" and "horse areas" in its calculations is not only disingenuous, but also unpermitted. See Infield Treatment System Proposal, p. 7. First, the Facility admittedly comingles process wastewater and storm water. All comingled flows are therefore considered process wastewater. Further, "non-horse" areas routinely exhibit water quality exceedances similar to those of "horse areas," indicating process wastewater is discharged from "non-horse areas" as well.

Facility comingles storm water and process wastewater, every precipitation event results in the unlawful discharge of process wastewater. See NMP, p. 19 ["storm water runoff estimates cannot be separated between CAFO and non-CAFO areas since all storm water runoff is combined and discharged off-site at the five major discharge points."]. Therefore, the Facility's precipitation-related discharge of process waste water constitutes a violation of the CWA.

Lastly, because the infield lakes are tidally influenced and influenced by groundwater, use of the lakes as a detention basin for process wastewater[9] (at times comingled with storm water) results in further year-round unlawful discharge of process wastewater to U.S. waters. *See* Infield Treatment System Proposal, p. 9; NMP, p. 4; Master Plan EIR, pp. 4.11-9, 4.11-51 ["Because of the proximity to groundwater, infiltrated surface water would have the potential to introduce pollutants to the groundwater."].

Because Fairgrounds Owner and/or Operators have not obtained coverage under a separate NPDES permit and have failed to eliminate discharges not permitted by the Industrial Stormwater Permit, each and every discharge from the Facility described herein not in compliance with the Industrial Stormwater Permit has constituted and will continue to constitute a discharge without CWA permit coverage in violation of section 301(a) of the CWA, 33 U.S.C. § 1311(a).

III. Remedies

Upon expiration of the 60-day period, CERF and Coastkeeper will file a citizen suit under Section 505(a) of the Clean Water Act for the above-referenced violations. During the 60-day notice period, however, CERF and Coastkeeper are willing to discuss effective remedies for the violations noted in this letter. If you wish to pursue such discussions in the absence of litigation, it is suggested that you initiate those discussions immediately.

Del Mar Fairgrounds must develop and implement an updated SWPPP, install BMPs to address the numerous and ongoing water quality violations, and implement a robust monitoring and reporting plan. Should the Del Mar Fairgrounds Owners and/or Operators fail to do so, CERF and Coastkeeper will file an action against Del Mar Fairgrounds for its prior, current, and anticipated violations of the Clean Water Act. CERF and Coastkeeper's action will seek all remedies available under the Clean Water Act § 1365(a)(d). CERF and Coastkeeper will seek the maximum penalty available under the law which is $37,500 per day.

CERF and Coastkeeper may further seek a court order to prevent Del Mar Fairgrounds from discharging pollutants. A strong or substantial likelihood of success on the merits of CERF's claim exists, and irreparable injuries to the public, public trust resources, and the environments will result if the Facility further discharges pollutants into Receiving Waters.

Lastly, section 505(d) of the Clean Water Act, 33 U.S.C. § 1365(d), permits prevailing parties to recover costs, including attorneys' and experts' fees. CERF and Coastkeeper will seek to recover all of their costs and fees pursuant to section 505(d).

[9] Storm Water Management Plan, p. 53 ["Dry weather flows pumped to infield lakes for detention."]; see also, Storm Water Management Plan, pp. 89, 92

IV. Conclusion

CERF and Coastkeeper have retained legal counsel to represent it in this matter. Please direct all communications to CERF and Coastkeeper's legal counsel:

Livia Borak and Marco Gonzalez
livia@coastlawgroup.com
Coast Law Group, LLP
1140 South Coast Highway 101
Encinitas, California 92024
Tel: 760-942-8505

Matt O'Malley
matt@sdcoastkeeper.org
San Diego Coastkeeper
2825 Dewey Rd., #200
San Diego, California 92106
Tel: (619) 758-7743

If you wish to pursue settlement discussions in the absence of litigation, please contact Coast Law Group LLP and San Diego Coastkeeper immediately.

Sincerely,

Matt O'Malley
Attorney for San Diego Coastkeeper

Marco Gonzalez
Livia Borak
Attorneys for Coastal Environmental Rights Foundation

SERVICE LIST

VIA U.S. MAIL

Gina McCarthy
Administrator
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

Jared Blumenfeld
Regional Administrator
U.S. Environmental Protection Agency, Region IX
75 Hawthorne Street
San Francisco, California 94105

Thomas Howard
Executive Director
State Water Resources Control Board
P.O. Box 100
Sacramento, California 95812

David W. Gibson
Executive Officer
San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, California 92108

No.	Date/time of sample collection	Sample ID	Parameter*	Result	Basin Plan Standard	Magnitude of exceedance	CTR Standard	Magnitude of exceedance	MSGP Standard	Magnitude of exceedance
1	4/7/16 2:00 PM	5	Fecal Coliform	11000	400	27.50				
2	4/7/16 2:00 PM	5	Enterococci	2300	61	37.70				
3	4/7/16 2:00 PM	5	Total Coliform	17000	10000	1.70				
4	4/7/16 1:40 PM	4	Fecal Coliform	8000	400	20.00				
5	4/7/16 1:40 PM	4	Enterococci	2800	61	45.90				
6	4/7/16 1:40 PM	4	Total Coliform	22000	10000	2.20				
7	4/7/16 1:10 PM	2	Fecal Coliform	5000	400	12.50				
8	4/7/16 1:10 PM	2	Enterococci	3000	61	49.18				
9	4/7/16 12:40 PM	1	Fecal Coliform	4000	400	10.00				
10	4/7/16 12:40 PM	1	Enterococci	800	61	13.11				
11	4/7/16 12:40 PM	1	Total Coliform	30000	10000	3.00				
12	4/7/16 2:00 PM	5	Zinc Total	0.14			0.12	1.17	0.12	1.25
13	4/7/16 2:00 PM	5	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	36					30	1.20
14	4/7/16 2:00 PM	5	Nitrogen (total)	3					0.68	4.41
15	4/7/16 2:00 PM	5	Total Suspended Solids (TSS)	159					100	1.59
16	4/7/16 1:40 PM	4	Zinc Total	0.28			0.12	2.33	0.12	1.25
17	4/7/16 1:40 PM	4	Copper Total	0.023			0.013	1.77	0.014	1.64
18	4/7/16 1:40 PM	4	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	49					30	1.63
19	4/7/16 1:40 PM	4	Nitrogen (total)	4					0.68	5.88
20	4/7/16 1:40 PM	4	Total Suspended Solids (TSS)	120					100	1.20
21	4/7/16 1:40 PM	4	Chloride	328	250	1.31				
22	4/7/16 1:40 PM	4	Chemical Oxygen Demand (COD)	147					120	1.23
23	4/7/16 1:40 PM	4	Total Dissolved Solids (TDS)	800	500	1.60				
24	4/7/16 1:10 PM	2	Nitrogen (total)	2.4					0.68	3.53
25	4/7/16 1:10 PM	2	Zinc Total	0.25			0.12	2.08	0.12	1.25
26	4/7/16 12:40 PM	1	Zinc Total	0.6			0.12	5.00	0.12	1.25
27	4/7/16 12:40 PM	1	Copper Total	0.045			0.013	3.46	0.014	3.21
28	4/7/16 12:40 PM	1	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	67					30	2.23
29	4/7/16 12:40 PM	1	Nitrogen (total)	6.1					0.68	8.97
30	4/7/16 12:40 PM	1	Total Suspended Solids (TSS)	1770					100	17.70
31	4/7/16 12:40 PM	1	Chloride	364	250	1.46				#VALUE!
32	4/7/16 12:40 PM	1	Chemical Oxygen Demand (COD)	169					120	1.41
33	4/7/16 12:40 PM	1	Total Dissolved Solids (TDS)	1010	500	2.02				
34	4/7/16 12:40 PM	1	Ammonia Total (as N)	2.85					2.14	1.33
35	12/22/15 10:15 AM	4	Zinc Total	0.15			0.12	1.25	0.12	1.25
36	12/22/15 10:15 AM	4	Total Dissolved Solids (TDS)	3340	500	6.68				
37	12/22/15 10:15 AM	4	Total Coliform	30000	10000	3.00				
38	12/22/15 10:15 AM	4	Sulfate	375	250	1.50		1.25		1.25
39	12/22/15 10:15 AM	4	Phosphorus Total (as P)	5.25					2	2.63
40	12/22/15 10:15 AM	4	Nitrogen (total)	4					0.68	5.88
41	12/22/15 10:15 AM	4	Fecal Coliform	2200	400	5.50				
42	12/22/15 10:15 AM	4	Enterococci	3000	61	49.18				
43	12/22/15 10:15 AM	4	Copper Total	0.03			0.013	2.31	0.014	2.14
44	12/22/15 10:15 AM	4	Chloride	1560	250	6.24				
45	12/22/15 10:15 AM	4	Chemical Oxygen Demand (COD)	253					120	2.11
46	12/22/15 10:00 AM	2	Total Coliform	22000	10000	2.20				
47	12/22/15 10:00 AM	2	Enterococci	400	61	6.56				
48	12/22/15 10:00 AM	2	Copper Total	0.014			0.013	1.08	0.014	1.00
49	12/22/15 9:20 AM	1	Total Dissolved Solids (TDS)	7370	500	14.74				
50	12/22/15 9:20 AM	1	Total Coliform	22000	10000	2.20				
51	12/22/15 9:20 AM	1	Sulfate	250	250	1.00				

52	12/22/15 9:20 AM	1	Phosphorus Total (as P)	4.25					2	2.13
53	12/22/15 9:20 AM	1	Nitrogen (total)	5.3					0.68	7.79
54	12/22/15 9:20 AM	1	Enterococci	500	61	8.20				
55	12/22/15 9:20 AM	1	Chloride	3810	250	15.24				
56	12/22/15 9:20 AM	1	Chemical Oxygen Demand (COD)	393					120	3.28
57	12/22/15 9:20 AM	1	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	92					30	3.07
58	12/22/15 9:20 AM	1	Ammonia Total (as N)	2.8					2.14	1.31
59	12/22/15 8:40 AM	5	Zinc Total	0.82			0.12	6.83	0.12	6.83
60	12/22/15 8:40 AM	5	Phosphorus Total (as P)	4.5					2	2.25
61	12/22/15 8:40 AM	2	Nitrogen (total)	3.4					0.68	5.00
62	12/22/15 8:40 AM	5	Nitrogen (total)	3.1					0.68	4.56
63	12/22/15 8:40 AM	5	Fecal Coliform	1100	400	2.75				
64	12/22/15 8:40 AM	5	Enterococci	1400	61	22.95				
65	12/22/15 8:40 AM	5	Copper Total	0.041			0.013	3.15	0.014	2.93
66	9/15/15 12:20 PM	2	Zinc Total	0.17			0.12	1.42	0.12	1.42
67	9/15/15 12:20 PM	2	Total Suspended Solids (TSS)	167					100	1.67
68	9/15/15 12:20 PM		Total Coliform	110000	10000	11.00				
69	9/15/15 12:20 PM		Fecal Coliform	30000	400	75.00				
70	9/15/15 12:20 PM		Enterococci	17000	61	278.69				
71	9/15/15 12:20 PM	2	Copper Total	0.015			0.013	1.15	0.014	1.07
72	9/15/15 12:20 PM	2	Ammonia Total (as N)	2.75					2.14	1.29
73	9/15/15 11:40 AM	1	Zinc Total	0.39			0.12	3.25	0.12	3.25
74	9/15/15 11:40 AM	1	Total Suspended Solids (TSS)	309					100	3.09
75	9/15/15 11:40 AM	1	Total Dissolved Solids (TDS)	1250	500	2.50				
76	9/15/15 11:40 AM	1	Total Coliform	130000	10000	13.00				
77	9/15/15 11:40 AM	1	Phosphorus Total (as P)	6					2	3.00
78	9/15/15 11:40 AM	1	Nitrogen (total)	5.5					0.68	8.09
79	9/15/15 11:40 AM	1	Fecal Coliform	30000	400	75.00				
80	9/15/15 11:40 AM	1	Enterococci	50000	61	819.67				
81	9/15/15 11:40 AM	1	Copper Total	0.024			0.013	1.85	0.014	1.71
82	9/15/15 11:40 AM	1	Chloride	465	250	1.86				
83	9/15/15 11:40 AM	1	Chemical Oxygen Demand (COD)	169					120	1.41
84	9/15/15 11:40 AM	1	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	82					30	2.73
85	9/15/15 11:40 AM	1	Ammonia Total (as N)	2.9					2.14	1.36
86	9/15/15 10:40 AM	5	Zinc Total	0.32			0.12	2.67	0.12	2.67
87	9/15/15 10:40 AM	5	Total Suspended Solids (TSS)	421					100	4.21
88	9/15/15 10:40 AM	5	Total Coliform	170000	10000	17.00				
89	9/15/15 10:40 AM	5	Phosphorus Total (as P)	2.7					2	1.35
90	9/15/15 10:40 AM	5	Nitrogen (total)	5.5					0.68	8.09
91	9/15/15 10:40 AM	5	Fecal Coliform	8000	400	20.00				
92	9/15/15 10:40 AM	5	Enterococci	11000	61	180.33				
93	9/15/15 10:40 AM	5	Copper Total	0.041			0.013	3.15	0.014	2.93
94	9/15/15 10:40 AM	5	Chemical Oxygen Demand (COD)	149					120	1.24
95	9/15/15 10:40 AM	5	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	71					30	2.37
96	9/15/15 10:40 AM	5	Ammonia Total (as N)	3					2.14	1.40
97	9/15/15 10:20 AM	4	Zinc Total	0.44			0.12	3.67	0.12	3.67
98	9/15/15 10:20 AM	4	Total Coliform	50000	10000	5.00				
99	9/15/15 10:20 AM	4	Nitrogen (total)	7					0.68	10.29
100	9/15/15 10:20 AM	4	Fecal Coliform	17000	400	42.50				
101	9/15/15 10:20 AM	4	Enterococci	170000	61	2786.89				
102	9/15/15 10:20 AM	4	Copper Total	0.064			0.013	4.92	0.014	4.57
103	9/15/15 10:20 AM	4	Ammonia Total (as N)	4.35					2.14	2.03

104	12/12/14 8:20 AM	4	Zinc Total	0.15			0.12	1.25	0.12	1.25
105	12/12/14 8:20 AM	4	Total Suspended Solids (TSS)	224					100	2.24
106	12/12/14 8:20 AM	4	Nitrite Plus Nitrate (as N)	3.1					0.68	4.56
107	12/12/14 8:20 AM	4	Copper Total	0.022			0.013	1.69	0.014	1.57
108	12/12/14 8:05 AM	2	Total Suspended Solids (TSS)	175					100	1.75
109	12/12/14 8:05 AM	2	Nitrite Plus Nitrate (as N)	2.9					0.68	4.26
110	12/12/14 8:05 AM	2	Copper Total	0.023			0.013	1.77	0.014	1.64
111	12/12/14 8:05 AM	2	Chemical Oxygen Demand (COD)	122					120	1.02
112	12/12/14 8:05 AM	2	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	32					30	1.07
113	12/12/14 7:45 AM	1	Total Suspended Solids (TSS)	2390					100	23.90
114	12/12/14 7:45 AM	1	Total Dissolved Solids (TDS)	1030	500	2.06				
115	12/12/14 7:45 AM	1	Sulfate	320	250	1.28				
116	12/12/14 7:45 AM	1	Nitrite Plus Nitrate (as N)	5					0.68	7.35
117	12/12/14 7:45 AM	1	Copper Total	0.023			0.013	1.77	0.014	1.64
118	12/12/14 7:45 AM	1	Chloride	282	250	1.13				
119	12/12/14 7:45 AM	1	Chemical Oxygen Demand (COD)	300					120	2.50
120	12/12/14 7:45 AM	1	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	74					30	2.47
121	12/12/14 7:45 AM	1	Ammonia Total (as N)	2.2					2.14	1.03
122	12/12/14 7:15 AM	5	Zinc Total	0.23			0.12	1.92	0.12	1.92
123	12/12/14 7:15 AM	5	Total Suspended Solids (TSS)	164					100	1.64
124	12/12/14 7:15 AM	5	Nitrite Plus Nitrate (as N)	3.4					0.68	5.00
125	12/12/14 7:15 AM	5	Copper Total	0.03			0.013	2.31	0.014	2.14
126	12/2/14 5:55 PM	1	Total Suspended Solids (TSS)	1600					100	16.00
127	12/2/14 5:55 PM	1	Total Dissolved Solids (TDS)	874	500	1.75				
128	12/2/14 5:55 PM	1	Total Coliform	160000	10000	16.00				
129	12/2/14 5:55 PM	1	Nitrite Plus Nitrate (as N)	16.4					0.68	24.12
130	12/2/14 5:55 PM	1	Fecal Coliform	22000	400	55.00				
131	12/2/14 5:55 PM	1	Enterococci	40000	61	655.74				
132	12/2/14 5:55 PM	1	Chloride	348	250	1.39				
133	12/2/14 5:55 PM	1	Chemical Oxygen Demand (COD)	223					120	1.86
134	12/2/14 5:55 PM	1	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	89					30	2.97
135	12/2/14 5:55 PM	1	Ammonia Total (as N)	5.25					2.14	2.45
136	12/2/14 5:45 PM	2	Zinc Total	0.3			0.12	2.50	0.12	2.50
137	12/2/14 5:45 PM	2	Total Coliform	24000	10000	2.40				
138	12/2/14 5:45 PM	2	Nitrite Plus Nitrate (as N)	5.7					0.68	8.38
139	12/2/14 5:45 PM	2	Fecal Coliform	11000	400	27.50				
140	12/2/14 5:45 PM	2	Enterococci	11000	61	180.33				
141	12/2/14 5:45 PM	2	Copper Total	0.02			0.013	1.54	0.014	1.43
142	12/2/14 5:45 PM	2	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	31					30	1.03
143	12/2/14 5:20 PM	4	Zinc Total	0.13			0.12	1.08	0.12	1.08
144	12/2/14 5:20 PM	4	Total Suspended Solids (TSS)	566					100	5.66
145	12/2/14 5:20 PM	4	Nitrite Plus Nitrate (as N)	7.8					0.68	11.47
146	12/2/14 5:20 PM	4	Fecal Coliform	1100	400	2.75				
147	12/2/14 5:20 PM	4	Enterococci	12000	61	196.72				
148	12/2/14 5:20 PM	4	Copper Total	0.023			0.013	1.77	0.014	1.64
149	12/2/14 5:20 PM	4	Chemical Oxygen Demand (COD)	158					120	1.32
150	12/2/14 5:20 PM	4	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	46					30	1.53
151	12/2/14 5:20 PM	4	Ammonia Total (as N)	4.5					2.14	2.10
152	12/2/14 5:10 PM	5	Zinc Total	0.37			0.12	3.08	0.12	3.08
153	12/2/14 5:10 PM	5	Total Coliform	330000	10000	33.00				

154	12/2/14 5:10 PM	5	Nitrite Plus Nitrate (as N)	5.1					0.68	7.50
155	12/2/14 5:10 PM	5	Fecal Coliform	24000	400	60.00				
156	12/2/14 5:10 PM	5	Enterococci	24000	61	393.44				
157	12/2/14 5:10 PM	5	Copper Total	0.036			0.013	2.77	0.014	2.57
158	12/2/14 5:10 PM	5	Ammonia Total (as N)	18					2.14	8.41
159	12/7/13 3:20 PM	2	Total Coliform	90000	10000	9.00				
160	12/7/13 3:20 PM	2	Nitrite Plus Nitrate (as N)	3					0.68	4.41
161	12/7/13 3:20 PM	2	Fecal Coliform	2400	400	6.00				
162	12/7/13 3:20 PM	2	Copper Total	0.017			0.013	1.31	0.014	1.21
163	12/7/13 3:20 PM	2	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	33					30	1.10
164	12/7/13 3:00 PM	1	Zinc Total	0.13			0.12	1.08	0.12	1.08
165	12/7/13 3:00 PM	1	Total Coliform	160000	10000	16.00				
166	12/7/13 3:00 PM	1	Sulfate	270	250	1.08				
167	12/7/13 3:00 PM	1	Nitrite Plus Nitrate (as N)	2.72					0.68	4.00
168	12/7/13 3:00 PM	1	Fecal Coliform	3600	400	9.00				
169	12/7/13 3:00 PM	1	Chloride	292	250	1.17				
170	12/7/13 3:00 PM	1	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	37.6					30	1.25
171	12/7/13 3:00 PM	1	Ammonia Total (as N)	5.3					2.14	2.48
172	12/7/13 2:40 PM	3	Total Suspended Solids (TSS)	175					100	1.75
173	12/7/13 2:40 PM	3	Total Coliform	50000	10000	5.00				
174	12/7/13 2:40 PM	3	Nitrite Plus Nitrate (as N)	5.13					0.68	7.54
175	12/7/13 2:40 PM	3	Fecal Coliform	3000	400	7.50				
176	12/7/13 2:40 PM	3	Copper Total	0.027			0.013	2.08	0.014	1.93
177	12/7/13 2:40 PM	3	Chemical Oxygen Demand (COD)	175					120	1.46
178	12/7/13 2:40 PM	3	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	55					30	1.83
179	12/7/13 2:40 PM	3	Ammonia Total (as N)	2.65					2.14	1.24
180	12/7/13 2:25 PM	4	Total Suspended Solids (TSS)	126					100	1.26
181	12/7/13 2:25 PM	4	Total Coliform	50000	10000	5.00				
182	12/7/13 2:25 PM	4	Sulfate	1800	250	7.20				
183	12/7/13 2:25 PM	4	Nitrite Plus Nitrate (as N)	2.72					0.68	4.00
184	12/7/13 2:25 PM	4	Fecal Coliform	2400	400	6.00				
185	12/7/13 2:25 PM	4	Copper Total	0.031			0.013	2.38	0.014	2.21
186	12/7/13 2:25 PM	4	Chloride	3980	250	15.92				
187	12/7/13 2:25 PM	4	Chemical Oxygen Demand (COD)	390					120	3.25
188	12/7/13 2:25 PM	4	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	110					30	3.67
189	12/7/13 2:25 PM	4	Ammonia Total (as N)	2.25					2.14	1.05
190	12/7/13 1:55 PM	5	Zinc Total	0.14			0.12	1.17	0.12	1.17
191	12/7/13 1:55 PM	5	Total Suspended Solids (TSS)	252					100	2.52
192	12/7/13 1:55 PM	5	Total Coliform	35000	10000	3.50				
193	12/7/13 1:55 PM	5	Nitrite Plus Nitrate (as N)	4.63					0.68	6.81
194	12/7/13 1:55 PM	5	Fecal Coliform	5000	400	12.50				
195	12/7/13 1:55 PM	5	Copper Total	0.02			0.013	1.54	0.014	1.43
196	12/7/13 1:55 PM	5	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	32					30	1.07
197	10/9/13 6:00 PM	1	Zinc Total	0.66			0.12	5.50	0.12	5.50
198	10/9/13 6:00 PM	1	Total Suspended Solids (TSS)	3350					100	33.50
199	10/9/13 6:00 PM	1	Total Coliform	50000	10000	5.00				
200	10/9/13 6:00 PM	1	Sulfate	275	250	1.10				
201	10/9/13 6:00 PM	1	Nitrite Plus Nitrate (as N)	4.64					0.68	6.82
202	10/9/13 6:00 PM	1	Fecal Coliform	9000	400	22.50				
203	10/9/13 6:00 PM	1	Copper Total	0.096			0.013	7.38	0.014	6.86

204	10/9/13 6:00 PM	1	Chloride	404	250	1.62				
205	10/9/13 6:00 PM	1	Chemical Oxygen Demand (COD)	746					120	6.22
206	10/9/13 6:00 PM	1	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	210					30	7.00
207	10/9/13 6:00 PM	1	Ammonia Total (as N)	3.5					2.14	1.64
208	10/9/13 5:30 PM	2	Zinc Total	0.4			0.12	3.33	0.12	3.33
209	10/9/13 5:30 PM	2	Total Coliform	17000	10000	1.70				
210	10/9/13 5:30 PM	2	Nitrite Plus Nitrate (as N)	4.85					0.68	7.13
211	10/9/13 5:30 PM	2	Fecal Coliform	2200	400	5.50				
212	10/9/13 5:30 PM	2	Copper Total	0.079			0.013	6.08	0.014	5.64
213	10/9/13 5:30 PM	2	Chemical Oxygen Demand (COD)	230					120	1.92
214	10/9/13 5:30 PM	2	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	66					30	2.20
215	10/9/13 5:30 PM	2	Ammonia Total (as N)	2.55					2.14	1.19
216	10/9/13 5:00 PM	3	Zinc Total	0.38			0.12	3.17	0.12	3.17
217	10/9/13 5:00 PM	3	Total Coliform	60000	10000	6.00				
218	10/9/13 5:00 PM	3	Nitrite Plus Nitrate (as N)	6.41					0.68	9.43
219	10/9/13 5:00 PM	3	Copper Total	0.078			0.013	6.00	0.014	5.57
220	10/9/13 5:00 PM	3	Chemical Oxygen Demand (COD)	351					120	2.93
221	10/9/13 5:00 PM	3	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	90					30	3.00
222	10/9/13 5:00 PM	3	Ammonia Total (as N)	3.1					2.14	1.45
223	10/9/13 4:40 PM	4	Zinc Total	1.8			0.12	15.00	0.12	15.00
224	10/9/13 4:40 PM	4	Total Suspended Solids (TSS)	128					100	1.28
225	10/9/13 4:40 PM	4	Total Coliform	14000	10000	1.40				
226	10/9/13 4:40 PM	4	Nitrite Plus Nitrate (as N)	6.88					0.68	10.12
227	10/9/13 4:40 PM	4	Fecal Coliform	700	400	1.75				
228	10/9/13 4:40 PM	4	Copper Total	0.19			0.013	14.62	0.014	13.57
229	10/9/13 4:40 PM	4	Chemical Oxygen Demand (COD)	340					120	2.83
230	10/9/13 4:40 PM	4	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	85					30	2.83
231	10/9/13 4:40 PM	4	Ammonia Total (as N)	3.95					2.14	1.85
232	10/9/13 4:10 PM	5	Zinc Total	0.53			0.12	4.42	0.12	4.42
233	10/9/13 4:10 PM	5	Total Suspended Solids (TSS)	439					100	4.39
234	10/9/13 4:10 PM	5	Total Coliform	60000	10000	6.00				
235	10/9/13 4:10 PM	5	Nitrite Plus Nitrate (as N)	7.71					0.68	11.34
236	10/9/13 4:10 PM	5	Fecal Coliform	3000	400	7.50				
237	10/9/13 4:10 PM	5	Copper Total	0.054			0.013	4.15	0.014	3.86
238	10/9/13 4:10 PM	5	Chloride	742	250	2.97				
239	10/9/13 4:10 PM	5	Chemical Oxygen Demand (COD)	210					120	1.75
240	10/9/13 4:10 PM	5	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	61					30	2.03
241	10/9/13 4:10 PM	5	Ammonia Total (as N)	3					2.14	1.40
242	5/6/13 12:00 PM	5	Zinc Total	0.5			0.12	4.17	0.12	4.17
243	5/6/13 12:00 PM	5	Total Suspended Solids (TSS)	153					100	1.53
244	5/6/13 12:00 PM	5	Total Coliform	30000	10000	3.00				
245	5/6/13 12:00 PM	5	Phosphorus Total (as P)	2.35					2	1.18
246	5/6/13 12:00 PM	5	Nitrite Plus Nitrate (as N)	7.18					0.68	10.56
247	5/6/13 12:00 PM	5	Fecal Coliform	30000	400	75.00				
248	5/6/13 12:00 PM	5	Copper Total	0.08			0.013	6.15	0.014	5.71
249	5/6/13 12:00 PM	5	Chemical Oxygen Demand (COD)	257					120	2.14
250	5/6/13 12:00 PM	5	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	120					30	4.00
251	5/6/13 11:40 AM	4	Zinc Total	0.54			0.12	4.50	0.12	4.50
252	5/6/13 11:40 AM	4	Total Coliform	300000	10000	30.00				

253	5/6/13 11:40 AM	4	Selenium Total	0.077			0.005	15.40	0.005	15.40
254	5/6/13 11:40 AM	4	Nitrite Plus Nitrate (as N)	6.12					0.68	9.00
255	5/6/13 11:40 AM	4	Fecal Coliform	700	400	1.75				
256	5/6/13 11:40 AM	4	Copper Total	0.11			0.013	8.46	0.014	7.86
257	5/6/13 11:40 AM	4	Chemical Oxygen Demand (COD)	227					120	1.89
258	5/6/13 11:40 AM	4	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	34					30	1.13
259	5/6/13 11:10 AM	3	Total Coliform	27000	10000	2.70				
260	5/6/13 11:10 AM	3	Nitrite Plus Nitrate (as N)	5.73					0.68	8.43
261	5/6/13 11:10 AM	3	Fecal Coliform	4000	400	10.00				
262	5/6/13 11:10 AM	3	Copper Total	0.04			0.013	3.08	0.014	2.86
263	5/6/13 11:10 AM	3	Chemical Oxygen Demand (COD)	196					120	1.63
264	5/6/13 11:10 AM	3	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	41					30	1.37
265	5/6/13 10:45 AM	2	Zinc Total	0.25			0.12	2.08	0.12	2.08
266	5/6/13 10:45 AM	2	Total Coliform	22000	10000	2.20				
267	5/6/13 10:45 AM	2	Selenium Total	0.028			0.005	5.60	0.005	5.60
268	5/6/13 10:45 AM	2	Nitrite Plus Nitrate (as N)	4.34					0.68	6.38
269	5/6/13 10:45 AM	2	Fecal Coliform	17000	400	42.50				
270	5/6/13 10:45 AM	2	Copper Total	0.029			0.013	2.23	0.014	2.07
271	5/6/13 10:45 AM	2	Chemical Oxygen Demand (COD)	145					120	1.21
272	5/6/13 10:45 AM	2	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	46					30	1.53
273	5/6/13 10:00 AM	1	Zinc Total	0.55			0.12	4.58	0.12	4.58
274	5/6/13 10:00 AM	1	Total Suspended Solids (TSS)	1080					100	10.80
275	5/6/13 10:00 AM	1	Total Coliform	90000	10000	9.00				
276	5/6/13 10:00 AM	1	Nitrite Plus Nitrate (as N)	3.72					0.68	5.47
277	5/6/13 10:00 AM	1	Fecal Coliform	40000	400	100.00				
278	5/6/13 10:00 AM	1	Copper Total	0.06			0.013	4.62	0.014	4.29
279	5/6/13 10:00 AM	1	Chemical Oxygen Demand (COD)	425					120	3.54
280	5/6/13 10:00 AM	1	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	145					30	4.83
281	2/8/13 3:36 PM	5	Zinc Total	0.38			0.12	3.17	0.12	3.17
282	2/8/13 3:36 PM	5	Total Coliform	60000	10000	6.00				
283	2/8/13 3:36 PM	5	Fecal Coliform	6000	400	15.00				
284	2/8/13 3:36 PM	5	Copper Total	0.05			0.013	3.85	0.014	3.57
285	2/8/13 3:24 PM	4	Zinc Total	0.25			0.12	2.08	0.12	2.08
286	2/8/13 3:24 PM	4	Total Suspended Solids (TSS)	160					100	1.60
287	2/8/13 3:24 PM	4	Nitrite Plus Nitrate (as N)	1.2					0.68	1.76
288	2/8/13 3:24 PM	4	Fecal Coliform	1600	400	4.00				
289	2/8/13 3:24 PM	4	Copper Total	0.03			0.013	2.31	0.014	2.14
290	2/8/13 3:24 PM	4	Chemical Oxygen Demand (COD)	140					120	1.17
291	2/8/13 3:14 PM	3	Zinc Total	0.24			0.12	2.00	0.12	2.00
292	2/8/13 3:14 PM	3	Total Suspended Solids (TSS)	170					100	1.70
293	2/8/13 3:14 PM	3	Nitrite Plus Nitrate (as N)	1					0.68	1.47
294	2/8/13 3:14 PM	3	Copper Total	0.05			0.013	3.85	0.014	3.57
295	2/8/13 3:14 PM	3	Chemical Oxygen Demand (COD)	180					120	1.50
296	2/8/13 2:55 PM	2	Zinc Total	0.23			0.12	1.92	0.12	1.92
297	2/8/13 2:55 PM	2	Total Suspended Solids (TSS)	110					100	1.10
298	2/8/13 2:55 PM	2	Nitrite Plus Nitrate (as N)	0.89					0.68	1.31
299	2/8/13 2:55 PM	2	Copper Total	0.02			0.013	1.54	0.014	1.43
300	2/8/13 2:55 PM	2	Chemical Oxygen Demand (COD)	130					120	1.08
301	2/8/13 2:40 PM	1	Zinc Total	0.23			0.12	1.92	0.12	1.92
302	2/8/13 2:40 PM	1	Total Suspended Solids (TSS)	280					100	2.80
303	2/8/13 2:40 PM	1	Nitrite Plus Nitrate (as N)	2.1					0.68	3.09

304	2/8/13 2:40 PM	1	Copper Total	0.02			0.013	1.54	0.014	1.43
305	2/8/13 2:40 PM	1	Chloride	290	250	1.16				
306	2/8/13 2:40 PM	1	Chemical Oxygen Demand (COD)	130					120	1.08
307	2/8/13 2:40 PM	1	Ammonia Total (as N)	2.8					2.14	1.31
308	12/12/11 10:15 AM	5	Zinc Total	0.13			0.12	1.08	0.12	1.08
309	12/12/11 10:15 AM	5	Total Coliform	50000	10000	5.00				
310	12/12/11 10:15 AM	5	Fecal Coliform	3000	400	7.50				
311	12/12/11 10:15 AM	5	Copper Total	0.02			0.013	1.54	0.014	1.43
312	12/12/11 10:00 AM	4	Zinc Total	0.19			0.12	1.58	0.12	1.58
313	12/12/11 10:00 AM	4	Total Suspended Solids (TSS)	130					100	1.30
314	12/12/11 10:00 AM	4	Total Coliform	22000	10000	2.20				
315	12/12/11 10:00 AM	4	Nitrite Plus Nitrate (as N)	7.7					0.68	11.32
316	12/12/11 10:00 AM	4	Fecal Coliform	900	400	2.25				
317	12/12/11 10:00 AM	4	Copper Total	0.03			0.013	2.31	0.014	2.14
318	12/12/11 10:00 AM	4	Chemical Oxygen Demand (COD)	129					120	1.08
319	12/12/11 9:45 AM	3	Zinc Total	0.14			0.12	1.17	0.12	1.17
320	12/12/11 9:45 AM	3	Nitrite Plus Nitrate (as N)	2.32					0.68	3.41
321	12/12/11 9:45 AM	3	Copper Total	0.04			0.013	3.08	0.014	2.86
322	12/12/11 9:45 AM	3	Chemical Oxygen Demand (COD)	159					120	1.33
323	12/12/11 9:45 AM	3	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	32.7					30	1.09
324	12/12/11 9:30 AM	2	Nitrite Plus Nitrate (as N)	1.23					0.68	1.81
325	12/12/11 9:30 AM	2	Copper Total	0.02			0.013	1.54	0.014	1.43
326	12/12/11 9:10 AM	1	Zinc Total	0.68			0.12	5.67	0.12	5.67
327	12/12/11 9:10 AM	1	Total Suspended Solids (TSS)	3800					100	38.00
328	12/12/11 9:10 AM	1	Total Coliform	22000	10000	2.20				
329	12/12/11 9:10 AM	1	Nitrite Plus Nitrate (as N)	1.6					0.68	2.35
330	12/12/11 9:10 AM	1	Mercury Total	0.18					0.0014	128.57
331	12/12/11 9:10 AM	1	Fecal Coliform	5000	400	12.50				
332	12/12/11 9:10 AM	1	Copper Total	0.2			0.013	15.38	0.014	14.29
333	12/12/11 9:10 AM	1	Chemical Oxygen Demand (COD)	152					120	1.27
334	12/12/11 9:10 AM	1	Ammonia Total (as N)	3.9					2.14	1.82
335	11/4/11 12:50 PM	5	Zinc Total	0.4			0.12	3.33	0.12	3.33
336	11/4/11 12:50 PM	5	Total Coliform	30000	10000	3.00				
337	11/4/11 12:50 PM	5	Nitrite Plus Nitrate (as N)	1.1					0.68	1.62
338	11/4/11 12:50 PM	5	Fecal Coliform	22000	400	55.00				
339	11/4/11 12:50 PM	5	Copper Total	0.05			0.013	3.85	0.014	3.57
340	11/4/11 12:50 PM	5	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	31					30	1.03
341	11/4/11 12:50 PM	5	Ammonia Total (as N)	3.2					2.14	1.50
342	11/4/11 12:30 PM	4	Zinc Total	0.4			0.12	3.33	0.12	3.33
343	11/4/11 12:30 PM	4	Total Suspended Solids (TSS)	216					100	2.16
344	11/4/11 12:30 PM	4	Total Coliform	60000	10000	6.00				
345	11/4/11 12:30 PM	4	Nitrite Plus Nitrate (as N)	1.4					0.68	2.06
346	11/4/11 12:30 PM	4	Fecal Coliform	50000	400	125.00				
347	11/4/11 12:30 PM	4	Copper Total	0.05			0.013	3.85	0.014	3.57
348	11/4/11 12:30 PM	4	Chemical Oxygen Demand (COD)	246					120	2.05
349	11/4/11 12:30 PM	4	Ammonia Total (as N)	3					2.14	1.40
350	11/4/11 12:15 PM	3	Zinc Total	0.3			0.12	2.50	0.12	2.50
351	11/4/11 12:15 PM	3	Total Coliform	150000	10000	15.00				
352	11/4/11 12:15 PM	3	Nitrite Plus Nitrate (as N)	1.6					0.68	2.35
353	11/4/11 12:15 PM	3	Mercury Total	0.2					0.0014	142.86
354	11/4/11 12:15 PM	3	Fecal Coliform	60000	400	150.00				
355	11/4/11 12:15 PM	3	Copper Total	0.06			0.013	4.62	0.014	4.29
356	11/4/11 12:15 PM	3	Chemical Oxygen Demand (COD)	240					120	2.00

357	11/4/11 12:15 PM	3	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	38					30	1.27
358	11/4/11 12:15 PM	3	Ammonia Total (as N)	8.1					2.14	3.79
359	11/4/11 12:00 PM	2	Zinc Total	0.3			0.12	2.50	0.12	2.50
360	11/4/11 12:00 PM	2	Total Suspended Solids (TSS)	148					100	1.48
361	11/4/11 12:00 PM	2	Total Coliform	30000	10000	3.00				
362	11/4/11 12:00 PM	2	Nitrite Plus Nitrate (as N)	1.9					0.68	2.79
363	11/4/11 12:00 PM	2	Mercury Total	0.2					0.0014	142.86
364	11/4/11 12:00 PM	2	Fecal Coliform	30000	400	75.00				
365	11/4/11 12:00 PM	2	Copper Total	0.05			0.013	3.85	0.014	3.57
366	11/4/11 12:00 PM	2	Chemical Oxygen Demand (COD)	263					120	2.19
367	11/4/11 12:00 PM	2	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	35					30	1.17
368	11/4/11 12:00 PM	2	Ammonia Total (as N)	7.6					2.14	3.55
369	11/4/11 11:40 AM	1	Zinc Total	1.4			0.12	11.67	0.12	11.67
370	11/4/11 11:40 AM	1	Total Suspended Solids (TSS)	1680					100	16.80
371	11/4/11 11:40 AM	1	Total Coliform	130000	10000	13.00				
372	11/4/11 11:40 AM	1	Nitrite Plus Nitrate (as N)	4.3					0.68	6.32
373	11/4/11 11:40 AM	1	Mercury Total	0.08					0.0014	57.14
374	11/4/11 11:40 AM	1	Fecal Coliform	110000	400	275.00				
375	11/4/11 11:40 AM	1	Copper Total	0.3			0.013	23.08	0.014	21.43
376	11/4/11 11:40 AM	1	Chloride	653	250	2.61				
377	11/4/11 11:40 AM		Chemical Oxygen Demand (COD)	556					120	4.63
378	11/4/11 11:40 AM	1	Cadmium Total	0.004			0.0043	0.93	0.0021	1.90
379	11/4/11 11:40 AM	1	Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	54					30	1.80
380	11/4/11 11:40 AM	1	Ammonia Total (as N)	72.4					2.14	33.83
381	5/17/2011 10:30	1	Zinc Total	0.32			0.12	2.67	0.12	2.67
382	5/17/2011 10:30	2	Zinc Total	0.12			0.12	1.00	0.12	1.00
383	5/17/2011 10:30	4	Zinc Total	0.63			0.12	5.25	0.12	5.25
384	5/17/2011 10:30	4	Total Suspended Solids (TSS)	1500					100	15.00
385	5/17/2011 10:30	1	Total Suspended Solids (TSS)	150					100	1.50
386	5/17/2011 10:30	1	Nitrogen (total)	4.7					0.68	6.91
387	5/17/2011 10:30	3	Nitrogen (total)	1.2					0.68	1.76
388	5/17/2011 10:30	4	Nitrogen (total)	1.9					0.68	2.79
389	5/17/2011 10:30	1	Copper Total	0.03			0.013	2.31	0.014	2.14
390	5/17/2011 10:30	2	Copper Total	0.037			0.013	2.85	0.014	2.64
391	5/17/2011 10:30	3	Copper Total	0.029			0.013	2.23	0.014	2.07
392	5/17/2011 10:30	4	Copper Total	0.12			0.013	9.23	0.014	8.57
393	5/17/2011 10:30	5	Copper Total	0.024			0.013	1.85	0.014	1.71
394	5/17/2011 10:30	1	Chloride	380	250	1.52				
395	5/17/2011 10:30	5	Chloride	280	250	1.12				

*All units are mg/L except bacteria, which is reported in (MPN/100mL)

No.	Date/time of sample collection	Parameter*	Result	Basin Plan Standard	Magnitude of exceedance	CTR Standard	Magnitude of exceedance	MSGP Standard	Magnitude of exceedance
1	4/7/16 2:00 PM	Zinc Total	0.14			0.09	1.56	0.09	1.25
2	4/7/16 2:00 PM	Enterococci	2300	104	22.12				
3	4/7/16 1:40 PM	Zinc Total	0.28			0.09	3.11	0.09	1.25
4	4/7/16 1:40 PM	Enterococci	2800	104	26.92				
5	4/7/16 1:40 PM	Copper Total	0.023			0.0048	4.79	0.0048	4.79
6	4/7/16 1:10 PM	Zinc Total	0.25			0.09	2.78	0.09	1.25
7	4/7/16 1:10 PM	Enterococci	3000	104	28.85				
8	4/7/16 12:40 PM	Zinc Total	0.6			0.09	6.67	0.09	1.25
9	4/7/16 12:40 PM	Enterococci	800	104	7.69				
10	4/7/16 12:40 PM	Copper Total	0.045			0.0048	9.38	0.0048	9.38
11	12/22/15 10:15 AM	Zinc Total	0.15			0.09	1.67	0.09	1.67
12	12/22/15 10:15 AM	Enterococci	3000	104	28.85				
13	12/22/15 10:15 AM	Copper Total	0.03			0.0048	6.25	0.0048	6.25
14	12/22/15 10:00 AM	Zinc Total	0.12			0.09	1.33	0.09	1.33
15	12/22/15 10:00 AM	Enterococci	400	104	3.85				
16	12/22/15 10:00 AM	Copper Total	0.014			0.0048	2.92	0.0048	2.92
17	12/22/15 9:20 AM	Enterococci	500	104	4.81				
18	12/22/15 8:40 AM	Zinc Total	0.82			0.09	9.11	0.09	9.11
19	12/22/15 8:40 AM	Enterococci	1400	104	13.46				
20	12/22/15 8:40 AM	Copper Total	0.041			0.0048	8.54	0.0048	8.54
21	9/15/15 12:20 PM	Zinc Total	0.17			0.09	1.89	0.09	1.89
22	9/15/15 12:20 PM	Enterococci	17000	104	163.46				
23	9/15/15 12:20 PM	Copper Total	0.015			0.0048	3.13	0.0048	3.13
24	9/15/15 11:40 AM	Zinc Total	0.39			0.09	4.33	0.09	4.33
25	9/15/15 11:40 AM	Enterococci	50000	104	480.77				
26	9/15/15 11:40 AM	Copper Total	0.024			0.0048	5.00	0.0048	5.00
27	9/15/15 10:40 AM	Zinc Total	0.32			0.09	3.56	0.09	3.56
28	9/15/15 10:40 AM	Enterococci	11000	104	105.77				
29	9/15/15 10:40 AM	Copper Total	0.041			0.0048	8.54	0.0048	8.54
30	9/15/15 10:20 AM	Zinc Total	0.44			0.09	4.89	0.09	4.89
31	9/15/15 10:20 AM	Enterococci	170000	104	1634.62				
32	9/15/15 10:20 AM	Copper Total	0.064			0.0048	13.33	0.0048	13.33
33	12/12/14 8:20 AM	Zinc Total	0.15			0.09	1.67	0.09	1.67
34	12/12/14 8:20 AM	Copper Total	0.022			0.0048	4.58	0.0048	4.58
35	12/12/14 8:05 AM	Zinc Total	0.098			0.09	1.09	0.09	1.09
36	12/12/14 8:05 AM	Copper Total	0.023			0.0048	4.79	0.0048	4.79
37	12/12/14 7:45 AM	Zinc Total	0.12			0.09	1.33	0.09	1.33
38	12/12/14 7:45 AM	Copper Total	0.023			0.0048	4.79	0.0048	4.79
39	12/12/14 7:15 AM	Zinc Total	0.23			0.09	2.56	0.09	2.56
40	12/12/14 7:15 AM	Copper Total	0.03			0.0048	6.25	0.0048	6.25
41	12/2/14 5:55 PM	Zinc Total	0.11			0.09	1.22	0.09	1.22
42	12/2/14 5:55 PM	Enterococci	40000	104	384.62				
43	12/2/14 5:55 PM	Copper Total	0.013			0.0048	2.71	0.0048	2.71
44	12/2/14 5:45 PM	Zinc Total	0.3			0.09	3.33	0.09	3.33
45	12/2/14 5:45 PM	Enterococci	11000	104	105.77				
46	12/2/14 5:45 PM	Copper Total	0.02			0.0048	4.17	0.0048	4.17

47	12/2/14 5:20 PM	Zinc Total	0.13			0.09	1.44	0.09	1.44
48	12/2/14 5:20 PM	Enterococci	12000	104	115.38				
49	12/2/14 5:20 PM	Copper Total	0.023			0.0048	4.79	0.0048	4.79
50	12/2/14 5:10 PM	Zinc Total	0.37			0.09	4.11	0.09	4.11
51	12/2/14 5:10 PM	Enterococci	24000	104	230.77				
52	12/2/14 5:10 PM	Copper Total	0.036			0.0048	7.50	0.0048	7.50
53	12/7/13 3:20 PM	Zinc Total	0.097			0.09	1.08	0.09	1.08
54	12/7/13 3:20 PM	Copper Total	0.017			0.0048	3.54	0.0048	3.54
55	12/7/13 3:00 PM	Zinc Total	0.13			0.09	1.44	0.09	1.44
56	12/7/13 2:40 PM	Zinc Total	0.1			0.09	1.11	0.09	1.11
57	12/7/13 2:40 PM	Copper Total	0.027			0.0048	5.63	0.0048	5.63
58	12/7/13 2:25 PM	Zinc Total	0.12			0.09	1.33	0.09	1.33
59	12/7/13 2:25 PM	Copper Total	0.031			0.0048	6.46	0.0048	6.46
60	12/7/13 1:55 PM	Zinc Total	0.14			0.09	1.56	0.09	1.56
61	12/7/13 1:55 PM	Copper Total	0.02			0.0048	4.17	0.0048	4.17
62	10/9/13 6:00 PM	Zinc Total	0.66			0.09	7.33	0.09	7.33
63	10/9/13 6:00 PM	Copper Total	0.096			0.0048	20.00	0.0048	20.00
64	10/9/13 5:30 PM	Zinc Total	0.4			0.09	4.44	0.09	4.44
65	10/9/13 5:30 PM	Copper Total	0.079			0.0048	16.46	0.0048	16.46
66	10/9/13 5:00 PM	Zinc Total	0.38			0.09	4.22	0.09	4.22
67	10/9/13 5:00 PM	Copper Total	0.078			0.0048	16.25	0.0048	16.25
68	10/9/13 4:40 PM	Zinc Total	1.8			0.09	20.00	0.09	20.00
69	10/9/13 4:40 PM	Copper Total	0.19			0.0048	39.58	0.0048	39.58
70	10/9/13 4:10 PM	Zinc Total	0.53			0.09	5.89	0.09	5.89
71	10/9/13 4:10 PM	Copper Total	0.054			0.0048	11.25	0.0048	11.25
72	5/6/13 12:00 PM	Zinc Total	0.5			0.09	5.56	0.09	5.56
73	5/6/13 12:00 PM	Copper Total	0.08			0.0048	16.67	0.0048	16.67
74	5/6/13 11:40 AM	Zinc Total	0.54			0.09	6.00	0.09	6.00
75	5/6/13 11:40 AM	Copper Total	0.11			0.0048	22.92	0.0048	22.92
76	5/6/13 11:10 AM	Zinc Total	0.091			0.09	1.01	0.09	1.01
77	5/6/13 11:10 AM	Copper Total	0.04			0.0048	8.33	0.0048	8.33
78	5/6/13 10:45 AM	Zinc Total	0.25			0.09	2.78	0.09	2.78
79	5/6/13 10:45 AM	Copper Total	0.029			0.0048	6.04	0.0048	6.04
80	5/6/13 10:00 AM	Zinc Total	0.55			0.09	6.11	0.09	6.11
81	5/6/13 10:00 AM	Copper Total	0.06			0.0048	12.50	0.0048	12.50
82	2/8/13 3:36 PM	Zinc Total	0.38			0.09	4.22	0.09	4.22
83	2/8/13 3:36 PM	Copper Total	0.05			0.0048	10.42	0.0048	10.42
84	2/8/13 3:24 PM	Zinc Total	0.25			0.09	2.78	0.09	2.78
85	2/8/13 3:24 PM	Copper Total	0.03			0.0048	6.25	0.0048	6.25
86	2/8/13 3:14 PM	Zinc Total	0.24			0.09	2.67	0.09	2.67
87	2/8/13 3:14 PM	Copper Total	0.05			0.0048	10.42	0.0048	10.42
88	2/8/13 2:55 PM	Zinc Total	0.23			0.09	2.56	0.09	2.56
89	2/8/13 2:55 PM	Copper Total	0.02			0.0048	4.17	0.0048	4.17
90	2/8/13 2:40 PM	Zinc Total	0.23			0.09	2.56	0.09	2.56
91	2/8/13 2:40 PM	Copper Total	0.02			0.0048	4.17	0.0048	4.17
92	12/12/11 10:15 AM	Zinc Total	0.13			0.09	1.44	0.09	1.44
93	12/12/11 10:15 AM	Copper Total	0.02			0.0048	4.17	0.0048	4.17

94	12/12/11 10:00 AM	Zinc Total	0.19			0.09	2.11	0.09	2.11
95	12/12/11 10:00 AM	Copper Total	0.03			0.0048	6.25	0.0048	6.25
96	12/12/11 9:45 AM	Zinc Total	0.14			0.09	1.56	0.09	1.56
97	12/12/11 9:45 AM	Copper Total	0.04			0.0048	8.33	0.0048	8.33
98	12/12/11 9:30 AM	Copper Total	0.02			0.0048	4.17	0.0048	4.17
99	12/12/11 9:10 AM	Zinc Total	0.68			0.09	7.56	0.09	7.56
100	12/12/11 9:10 AM	Copper Total	0.2			0.0048	41.67	0.0048	41.67
101	11/4/11 12:50 PM	Zinc Total	0.4			0.09	4.44	0.09	4.44
102	11/4/11 12:50 PM	Copper Total	0.05			0.0048	10.42	0.0048	10.42
103	11/4/11 12:30 PM	Zinc Total	0.4			0.09	4.44	0.09	4.44
104	11/4/11 12:30 PM	Copper Total	0.05			0.0048	10.42	0.0048	10.42
105	11/4/11 12:15 PM	Zinc Total	0.3			0.09	3.33	0.09	3.33
106	11/4/11 12:15 PM	Copper Total	0.06			0.0048	12.50	0.0048	12.50
107	11/4/11 12:00 PM	Zinc Total	0.3			0.09	3.33	0.09	3.33
108	11/4/11 12:00 PM	Copper Total	0.05			0.0048	10.42	0.0048	10.42
109	11/4/11 11:40 AM	Zinc Total	1.4			0.09	15.56	0.09	15.56
110	11/4/11 11:40 AM	Copper Total	0.3			0.0048	62.50	0.0048	62.50
111	5/17/2011 10:30	Zinc Total	0.32			0.09	3.56	0.09	3.56
112	5/17/2011 10:30	Zinc Total	0.12			0.09	1.33	0.09	1.33
113	5/17/2011 10:30	Zinc Total	0.63			0.09	7.00	0.09	7.00
114	5/17/2011 10:30	Copper Total	0.03			0.0048	6.25	0.0048	6.25
115	5/17/2011 10:30	Copper Total	0.037			0.0048	7.71	0.0048	7.71
116	5/17/2011 10:30	Copper Total	0.029			0.0048	6.04	0.0048	6.04
117	5/17/2011 10:30	Copper Total	0.12			0.0048	25.00	0.0048	25.00
118	5/17/2011 10:30	Copper Total	0.024			0.0048	5.00	0.0048	5.00

*All units are mg/L except bacteria, which is reported in (MPN/100mL)